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9m	AR	Quigley and Mache, "The Arabidopsis the diana transcribed genome; the GDR cDNA program," Submitted September 6, 1993, to the EMBL/GenBank/DDBJ databases, XP-002197661
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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant: Jan G. Jaworski et al.		88379 88379
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OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

2m	AI	James, Jr. et al., "Directed Tagging of the Arabidopsis FATTY ACID ELONGATION1 (FAE1) Gene with the Maize Transposon Activator", The Plant Cell, Vol. 7, 309-319, 1995.
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